

New FCSS_SDW_AR-7.4 Test Guide & FCSS_SDW_AR-7.4 Passed

Student Name:		Solution and Marking Guide
Student ID:		Block Test 2
PSS Room/Demonstrator:		



School of Mechanical and Manufacturing Engineering
MMAN1300 – ENGINEERING MECHANICS I
2018 S1 Block Test 2

Instructions:

- Time allowed: 45 minutes
- Total number of questions: 3
- Answer all the questions in the test
- Answer all questions in the spaces provided
- The 6 marks allocations shown are worth 6% of the course overall
- Candidates may bring drawing instruments, rulers and UNSW approved calculators to the test
- Print your name, student ID and all other requested details above
- Record your answers (with appropriate units) in the **ANSWER BOXES** provided

Notes:

Your work must be complete, clear and logical

Do not skip steps, sign conventions, units and relevant diagrams and clearly state the final answers

No part of this paper is to be retained by candidates until handed back after marking

A lot of my friends from IT industry in order to pass Fortinet certification FCSS_SDW_AR-7.4 exam have spend a lot of time and effort, but they did not choose training courses or online training, so passing the exam is so difficult for them and generally, the disposable passing rate is very low. Fortunately, ActualVCE can provide you the most reliable training tool for you. ActualVCE provide training resource that include simulation test software, simulation test, practice questions and answers about Fortinet Certification FCSS_SDW_AR-7.4 Exam. We can provide the best and latest practice questions and answers of Fortinet certification FCSS_SDW_AR-7.4 exam to meet your need.

Fortinet FCSS_SDW_AR-7.4 Exam Syllabus Topics:

Topic	Details
Topic 1	• Advanced IPsec: Intended for security engineers, this section covers the deployment of advanced IPsec topologies for SD-WAN, including hub-and-spoke models, ADVPN configurations, and complex multi-hub or multi-region deployments. Candidates need to demonstrate expertise in securing wide-area networks using IPsec technologies.
Topic 2	• SD-WAN Configuration: This section of the exam measures the skills of network engineers and covers configuring a basic SD-WAN setup. Candidates are expected to demonstrate their ability to define SD-WAN members and zones effectively, ensuring foundational network segmentation and management.

Topic 3	SD-WAN Troubleshooting: This part assesses the troubleshooting skills of network support specialists. Candidates should be able to diagnose and resolve issues related to SD-WAN rules, session behaviors, routing inconsistencies, and ADVPN connectivity problems to maintain seamless network operations.
Topic 4	Rules and Routing: Targeted at network engineers, this section assesses the ability to configure SD-WAN rules and routing policies. Candidates will be tested on managing traffic flow and prioritization across the SD-WAN infrastructure.
Topic 5	Configure Performances SLAs: Designed for network administrators, this part focuses on setting up performance Service Level Agreements (SLAs) within SD-WAN environments. Candidates must show proficiency in defining criteria to monitor and maintain network performance and reliability.

>> New FCSS_SDW_AR-7.4 Test Guide <<

FCSS_SDW_AR-7.4 Passed | Test FCSS_SDW_AR-7.4 Sample Questions

ActualVCE FCSS_SDW_AR-7.4 practice test simulates the real Fortinet FCSS_SDW_AR-7.4 exam environment. This situation boosts the candidate's performance and enhances their confidence. After attempting the FCSS_SDW_AR-7.4 practice exams, candidates become more familiar with a real FCSS - SD-WAN 7.4 Architect FCSS_SDW_AR-7.4 Exam environment and develop the stamina to sit for several hours consecutively to complete the FCSS_SDW_AR-7.4 exam. This way, the actual FCSS - SD-WAN 7.4 Architect FCSS_SDW_AR-7.4 exam becomes much easier for them to handle.

Fortinet FCSS - SD-WAN 7.4 Architect Sample Questions (Q62-Q67):

NEW QUESTION # 62

Refer to the exhibits.

Global System configuration

```
config system global
    set snat-route-change enable
end
```

Interface port2 configuration

```
config system interface
    [...]
    edit "port2"
        set vdom "root"
        set mode dhcp
        set allowaccess ping
        set type physical
        set snmp-index 2
    next
    [...]
```

Routing Table on FortiGate

```
branch1_fgt # get router info routing-table all
Codes: K - kernel, C - connected, S - static, R - RIP, B - BGP
O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
* - candidate default

Routing table for VRF=0
S*    0.0.0.0/0 [1/0] via 192.2.0.2, port2, [1/0]
      [1/0] via 192.2.0.10, port1 [10/0]
...
```

The exhibits show the source NAT (SNAT) global setting, port2 interface settings, and the routing table on FortiGate.

The administrator increases the member priority on port2 to 20.

Upon configuration changes and the receipt of new packets, which two actions does FortiGate perform on existing sessions established over port2? (Choose two.)

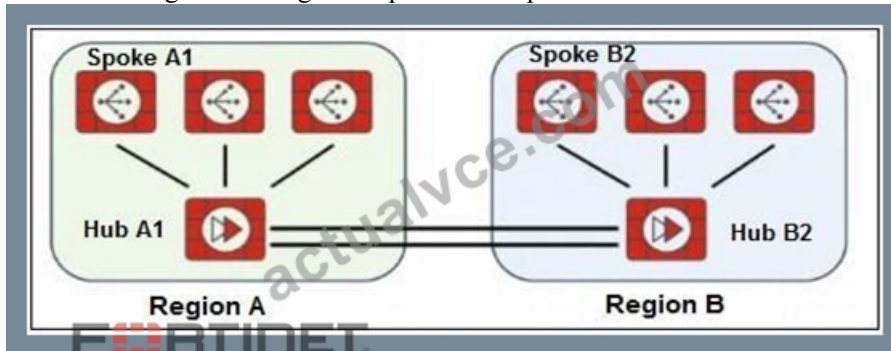
- A. FortiGate routes only new sessions over port2.
- **B. FortiGate updates the gateway information of the sessions with SNAT so that they use port1 instead of port2.**
- C. FortiGate continues routing all existing sessions over port2.
- **D. FortiGate flags the sessions as dirty.**
- E. FortiGate flags the SNAT session as dirty only if the administrator has assigned an IP pool to the firewall policies with NAT.

Answer: B,D

NEW QUESTION # 63

Refer to the exhibit. Two hub-and-spoke groups are connected through redundant site-to-site IPsec VPNs between Hub 1 and Hub 2.

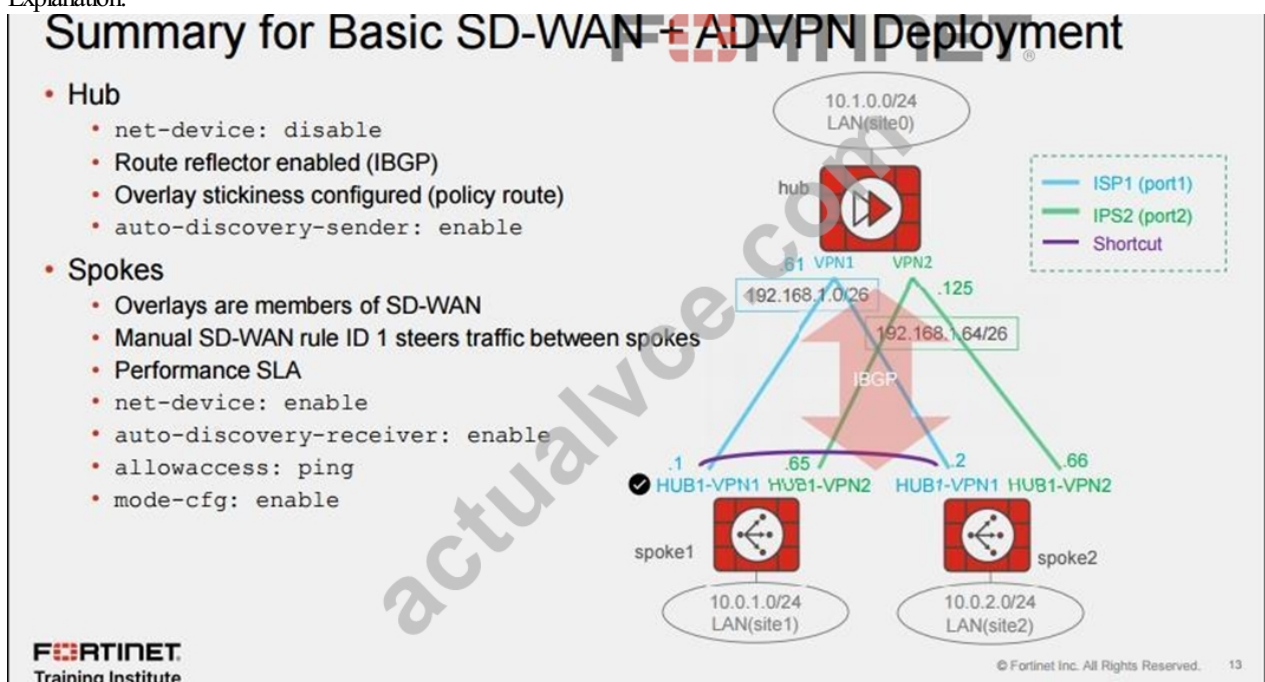
Which two configuration settings are required for the spoke A1 to establish an ADVPN shortcut with the spoke B2? (Choose two.)



- A. On hubs, auto-discovery-forwarder must be enabled on the IPsec VPNs to spokes.
- **B. On hubs, auto-discovery-sender must be enabled on the IPsec VPNs to spokes.**
- **C. On hubs, auto-discovery-forwarder must be enabled on the IPsec VPNs to hubs.**
- D. On hubs, auto-discovery-receiver must be enabled on the IPsec VPNs to spokes.

Answer: B,C

Explanation:



NEW QUESTION # 64

Refer to the exhibit. The exhibit shows output of the command `diagnose sys adwan aervice4` collected on a FortiGate device. The administrator wants to know through which interface FortiGate will steer traffic from local users on subnet 10.0.1.0/255.255.255.192 and with a destination of the social media application Facebook. Based on the exhibits, which two statements are correct? (Choose two.)

Diagnose output

```
fgt_1 # diagnose sys adwan service4
```

```
Service(1): Address Mode(IPV4) flags=0x4200 use-shortcut-sla use-shortcut
Tie break: cfg
Shortcut priority: 2
Gen(1), TOS(0x0/0x0), Protocol(0): src(1->65535):dst(1->65535), Mode(priority),
link-cost-factor(latency), link-cost-threshold(10), health-check(Corp_HC)
Members(2):
  1: Seq_num(2 port2 underlay), alive, latency: 0.906, selected
  2: Seq_num(1 port1 underlay), alive, latency: 1.079, selected
Application Control(2): Microsoft.Portal(41469,0) Business(0,29)
Src address(1):
  10.0.1.0-10.0.1.255
```

```
Service(2): Address Mode(IPV4) flags=0x4200 use-shortcut-sla use-shortcut
Tie break: cfg
Shortcut priority: 2
Gen(1), TOS(0x0/0x0), Protocol(0): src(1->65535):dst(1->65535), Mode(manual)
Members(1):
  1: Seq_num(2 port2 underlay), alive, selected
Application Control(2): Social.Media(0,23) General.Interest(0,12)
Src address(1):
  10.0.1.0-10.0.1.255
```

```
Service(1): Address Mode(IPV4) flags=0x4200 use-shortcut-sla use-shortcut
Tie break: cfg
Shortcut priority: 2
Gen(1), TOS(0x0/0x0), Protocol(0): src(1->65535):dst(1->65535), Mode(priority),
link-cost-factor(latency), link-cost-threshold(10), health-check(Corp_HC)
Members(2):
  1: Seq_num(2 port2 underlay), alive, latency: 0.906, selected
  2: Seq_num(1 port1 underlay), alive, latency: 1.079, selected
Application Control(2): Microsoft.Portal(41469,0) Business(0,29)
Src address(1):
  10.0.1.0-10.0.1.255
```

```
Service(2): Address Mode(IPV4) flags=0x4200 use-shortcut-sla use-shortcut
Tie break: cfg
Shortcut priority: 2
Gen(1), TOS(0x0/0x0), Protocol(0): src(1->65535):dst(1->65535), Mode(manual)
Members(1):
  1: Seq_num(2 port2 underlay), alive, selected
Application Control(2): Social.Media(0,23) General.Interest(0,12)
Src address(1):
  10.0.1.0-10.0.1.255
```

```
Service(3): Address Mode(IPV4) flags=0x4200 use-shortcut-sla use-shortcut
Tie break: cfg
Shortcut priority: 2
Gen(1), TOS(0x0/0x0), Protocol(0): src(1->65535):dst(1->65535), Mode(sla
hash-mode=round-robin)
Members(3):
```



```

1: Seq_num(4 HQ_T1 overlay), alive, sla(0x3), gid(0), cfg_order(0),
local cost(0), selected
2: Seq_num(5 HQ_T2 overlay), alive, sla(0x3), gid(0), cfg_order(1),
local cost(0), selected
3: Seq_num(6 HQ_T3 overlay), alive, sla(0x3), gid(0), cfg_order(2),
local cost(0), selected
Src address(1):
10.0.1.0-10.0.1.255

Dst address(1):
0.0.0.0-255.255.255.255

```

- A. When FortiGate cannot recognize the application of the flow, it steers the traffic through the preferred member of rule 3, HQ_T1.
- B. There is no service defined for the Facebook application, so FortiGate applies service rule 3 and directs the traffic to headquarters.
- C. When FortiGate cannot recognize the application of the flow, it load balances the traffic through the tunnels HQ_T1, HQ_T2, HQ_T3.
- D. FortiGate steers traffic for social media applications according to the service rule 2 and steers traffic through port2.

Answer: C,D

NEW QUESTION # 65

Refer to the exhibits. The first exhibit shows the SD-WAN zone HUB1 and SD-WAN member configuration from an SD-WAN template, and the second exhibit shows the output of command diagnose sys sdwan member collected on a FortiGate device. Which statement best describes what the diagnose output shows?

ID	Interface	Gateway	Cost	Priority	Status	Installation Target
4	HUB1-VPN1	0.0.0.0	0	1	Enable	
5	HUB1-VPN2	0.0.0.0	0	1	Enable	3 Devices in Total branch1_fgt[root] branch2_fgt[root] branch3_fgt[root]
6	HUB1-VPN3	0.0.0.0	0	1	Enable	2 Devices in Total branch2_fgt[root] branch3_fgt[root]

ID	Interface	Gateway	Cost	Priority	Status	Installation Target
7	HUB2-VPN1	0.0.0.0	10	1	Enable	3 Devices in Total branch1_fgt[root] branch2_fgt[root] branch3_fgt[root]
8	HUB2-VPN2	0.0.0.0	10	1	Enable	
9	HUB2-VPN3	0.0.0.0	10	1	Enable	

Output of command diagnose sys sdwan member

```
_fgt # diagnose sys sdwan member
Member(4): transport-group: 0, interface: HUB1-VPN1, flags=0xd
Member(5): transport-group: 0, interface: HUB1-VPN2, flags=0xd
Member(7): transport-group: 0, interface: HUB2-VPN1, flags=0xd
Member(8): transport-group: 0, interface: HUB2-VPN2, flags=0xd
Member(9): transport-group: 0, interface: HUB2-VPN3, flags=0xd
```

- A. The diagnose output shows that HUB1-VPN1 and all HUBx-VPNy members are dead.
- B. The diagnose output does not correspond to a device configured with the SD-WAN template shown in the exhibit.
- **C. The diagnose output was collected on the device branch1_fgt**
- D. The diagnose output was collected on the device branch2_fgt.

Answer: C

Explanation:

The diagnose output lists SD-WAN members 4(HUB1-VPN1), 5(HUB1-VPN2), 7(HUB2-VPN1), 8(HUB2-VPN2), and 9(HUB2-VPN3). It does not include member 6 (HUB1-VPN3). From the template, HUB1-VPN3 is installed only on branch2_fgt and branch3_fgt - not on branch1_fgt. Therefore, the output must be from branch1_fgt.

NEW QUESTION # 66

Refer to the exhibits.

SD-WAN template zones and rules configuration



SD-WAN Zones							
+ Create New Edit Delete Where Used Search							
☐	ID #	Interface #	Gateway #	Cost #	Priority #	Status #	Installation Target #
☐	virtual-wan-link						
☐	underlay						
☐	1	port1	\$(sdwan_port1_gw)	0	1	Enable	
☐	2	port2	0.0.0.0	0	1	Enable	
☐	WAN3						
☐	3	port4	\$(sdwan_port4_gw)	0	1	Enable	1 Device in Total branch1_fgt [root]
☐	HUB1						
☐	4	HUB1-VPN1	0.0.0.0	0	1	Enable	
☐	5	HUB1-VPN2	0.0.0.0	0	1	Enable	
☐	6	HUB1-VPN3	0.0.0.0	0	1	Enable	

SD-WAN Rules										
+ Create New Edit Delete More Search										
☐	ID	Name	Source	Destination	Criteria	Members	Performance SLA	Port	Protocol	Status
☐	1	Critical-DIA	LAN-r	Salesforce Microsoft		port1 port2			any	Enable
☐	3	Corp	LAN-r	Corp-net		HUB1-VPN1 HUB1-VPN2 HUB1-VPN3			any	Enable
☐		sd-wan	All	All	Source IP	All			any	

FortiManager error message

Install Wizard - Validate Devices (3/4)

Task finished with errors.

Installation Preparation Total: 4/4, Success: 3, Warning: 0, Error: 1, Show Details 100%

Ready to Install
Only successfully validated device may be installed. Please confirm and click "Install" button to continue.

Install Preview

☒	Device Name #	Status #	Action #
☐	branch1_fgt	Copy Failed	Log
☒	branch2_fgt	Connection Up	
☒	branch3_fgt	Connection Up	

View install log in FortiManager

View Install Log

```
Copy device global objects
Copy objects for vdom root
Commit failed:
error -999 - - (from Template Group Corp-SOT_BRANCH) (in Template branches) invalid ip - prop[gateway]: ip4class($(sdwan_port1_gw)) invalid ip addr
```

You use FortiManager to configure SD-WAN on three branch devices.

When you install the device settings, FortiManager prompts you with the error "Copy Failed" for the device branch1_fgt. When you click the log button, FortiManager displays the message shown in the exhibit.

- A. Remove the installation target for the SD-WAN member port4. You cannot combine metadata variable and installation targets.
- B. Based on the exhibits, which statement best describes the issue and how you can resolve it?
- **C. Check the metadata variable definitions, and review the per-device mapping configuration.**
- D. Check the connection between branch1_fgt and FortiManager
- E. Gateways for all members in a zone must be defined the same way. Specify the gateway of the SD- WAN member port! without metadata variables.

Answer: C

NEW QUESTION # 67

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